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NOTICE OF ALLOWANCE AND FEE(S) DUE

22919

7590

04/11/2008

GLOBAL IP COUNSELORS, LLP 1233 20TH STREET, NW, SUITE 700 WASHINGTON, DC 20036-2680 EXAMINER

HAMO, PATRICK

ART UNIT PAPER NUMBER

3746

DATE MAILED: 04/11/2008

APPLICATION NO.	PPLICATION NO. FILING DATE FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/516.912	12/06/2004	Hitoshi Horiuchi	DK-US045259	8718	

TITLE OF INVENTION: PUMP UNIT WITH MULTIPLE OPERATION MODES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	07/11/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correct maintenance fee notifica	ed below or directed oth	ng the Patent, advance of nerwise in Block 1, by (a	rders and notification a) specifying a new co	of m orres	naintenance fees v pondence address;	vill be and/or	mailed to the current (b) indicating a sepa	corre ırate '	espondence address as "FEE ADDRESS" for
	ock 1 for any change of address)	Note: A certificate of mailing can only be used for domestic mailing Fee(s) Transmittal. This certificate cannot be used for any other accordance papers. Each additional paper, such as an assignment or formal draw have its own certificate of mailing or transmission.				v other accompanying			
1233 20TH STR	7590 04/11 COUNSELORS, L REET, NW, SUITE 7 N, DC 20036-2680			State addr	eby certify that the es Postal Service vessed to the Mail	is Fee(vith suf . Stop	ficient postage for firs	g depo st clas abov	osited with the United ss mail in an envelope e, or being facsimile
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10/516,912 TITLE OF INVENTION	12/06/2004 I: PUMP UNIT WITH M	IULTIPLE OPERATION	Hitoshi Horiuchi MODES			I	OK-US045259		8718
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EXAM	IINER	ART UNIT	CLASS-SUBCLASS						
HAMO, I	PATRICK	3746	417-085000						
"Fee Address" ind PTO/SB/47; Rev 03-(Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un	ND RESIDENCE DATA less an assignee is ident h in 37 CFR 3.11. Comp	" Indication form	data will appear on th	ingle or a attor l be p r typ ne pag an a	ely, e firm (having as a gent) and the nammeys or agents. If printed. e) ttent. If an assign	membes of uno name	er a 2p to lee is 3lentified below, the definition	ocum	ent has been filed for
Please check the appropr	riate assignee category or	categories (will not be pr	rinted on the patent):		Individual 🖵 Co	orporati	on or other private gro	oup er	ntity Government
Advance Order -	No small entity discount p	permitted)	b. Payment of Fee(s): (A check is enclos Payment by credi The Director is he overpayment, to E	ed. t card reby	d. Form PTO-2038 authorized to char	is atta		ficien	ncy, or credit any
5. Change in Entity Sta	t us (from status indicated as SMALL ENTITY statu		☐ b. Applicant is no	lons	er claiming SMA	LEN	ΓΙΤΥ status. See 37 Cl	FR 1.1	27(g)(2).
NOTE: The Issue Fee an	d Publication Fee (if requ	uired) will not be accepte tes Patent and Trademark	d from anyone other th						
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Typed or printed name			Registration No.						
an application. Confiden submitting the complete	tiality is governed by 35 dapplication form to the ions for reducing this but /irginia 22313-1450. DO	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to th O NOT SEND FEES OR	1.14. This collection is depending upon the i	s esti ndivi	imated to take 12 i idual case. Any co	minutes	to complete, including on the amount of time	ig gatl me vo	hering, preparing, and ou require to complete

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WASHINGTON, DC 20036-2680			3746			
			DATE MAILED: 04/11/200	8		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 318 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 318 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)
	10/516,912	HORIUCHI ET AL.
Notice of Allowability	Examiner	Art Unit
	PATRICK HAMO	3746
The MAILING DATE of this communication apperatus All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communication GHTS. This application is subject to and MPEP 1308.	plication. If not included n will be mailed in due course. THIS
1. This communication is responsive to <u>amendments filed on</u>	<u>30 January 2008</u> .	
2. \boxtimes The allowed claim(s) is/are <u>1-6</u> .		
3. Acknowledgment is made of a claim for foreign priority una All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Certified copies not received:	been received. been received in Application No cuments have been received in this of this communication to file a reply IENT of this application. itted. Note the attached EXAMINER as reason(s) why the oath or declara be be submitted. ion's Patent Drawing Review (PTO- c. as Amendment / Comment or in the Comment or in the Comment of BIOLOGICAL MATERIAL In sit of BIOLOGICAL MATERIAL In	national stage application from the complying with the requirements. S AMENDMENT or NOTICE OF ation is deficient. 948) attached Office action of the back) of d). must be submitted. Note the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal F 6. Interview Summary Paper No./Mail Da 7. Examiner's Amenda 8. Examiner's Stateme 9. Other /Devon Kramer/ Devon Kramer, SPE AU 33	(PTO-413), te ment/Comment ent of Reasons for Allowance